

## CLAIMS

[1] A display processing device which downloads a program and displays an image based on the downloaded program, said device  
5 comprising:

a plurality of graphics image storage units, each having an area for storing a graphics image;

a first order storage unit operable to store a first order assigned to said graphics image storage units;

10 a notification unit operable to provide a notification regarding the first order stored in said first order storage unit;

a program execution unit operable to store graphics images in said graphics image storage units based on the first order notified by said notification unit, by executing the program; and

15 a display unit operable to superimpose and display the graphics images stored in said graphics image storage units according to the first order.

[2] The display processing device according to Claim 1,

20 wherein said notification unit is operable to notify said program execution unit of the first order by arranging identification information for identifying each of said graphics image storage units in an array according to the first order stored in said first order storage unit, and passing the array to said program execution unit.

25 [3] The display processing device according to Claim 2,

wherein said first order storage unit is operable to store a position of the graphics image storage unit within the first order, and the identification information, for each of said graphics image  
30 storage units.

[4] The display processing device according to Claim 3, further

comprising

a changing unit operable to change the first order stored in said first order storage unit,

wherein said notification unit notifies said program execution  
5 unit of the changed first order.

[5] The display processing device according to Claim 4,

wherein said changing unit is operable to change the position  
of each graphics image storage unit stored in said first order storage  
10 unit.

[6] The display processing device according to Claim 5,

wherein said changing unit is operable to interchange the  
positions of two of said graphics image storage units stored in said  
15 first order storage unit.

[7] The display processing device according to Claim 1, further  
comprising:

a plurality of video image storage units, each having an area  
20 for storing a video image; and

a second order storage unit operable to store a second order  
assigned to said video image storage units,

wherein said notification unit is further operable to notify said  
program execution unit of the second order stored in said second  
25 order storage unit,

said program execution unit is further operable to store video  
images in each of said video image storage units based on the  
second order notified by said notification unit, by executing the  
program, and

30 said display unit is operable to superimpose and display the  
video images stored in said video image storage units according to  
the second order on the graphics images superimposed according to

the first order.

[8] The display processing device according to Claim 7, further comprising:

5 a plurality of still image storage units, each having an area for storing a still image; and

a third order storage unit operable to store a third order assigned to said still image storage units,

10 wherein said notification unit is further operable to notify said program execution unit of the third order stored in said third order storage unit,

said program execution unit is further operable to store still images in each of said still image storage units based on the third order notified by said notification unit, by executing the program,  
15 and

said display unit is operable to superimpose and display the still images stored in said still image storage units according to the third order on the graphics images and video images superimposed according to the first and second orders respectively.

20 [9] The display processing device according to Claim 1, further comprising:

a video image storage unit having an area for storing a video image; and

25 a still image storage unit having an area for storing a still image,

wherein said first order storage unit is operable to store the first order assigned to said graphics image storage units, said video image storage unit, and said still image storage unit,

30 said program execution unit is operable to store graphics images in each of said graphics image storage units, a video image in said video image storage unit, and a still image in said still image

storage unit, based on the first order notified by said notification unit, by executing the program, and

said display unit is operable to superimpose and display the graphics images, the video image, and the still image stored in said graphics image storage units, said video image storage unit, and  
5 said still image storage unit respectively according to the first order.

[10] The display processing device according to Claim 9, further comprising

10 a changing unit operable to change the first order stored in said first order storage unit,

wherein said notification unit notifies said program execution unit of the changed first order.

15 [11] The display processing device according to Claim 10,

wherein said changing unit is operable to change the first order stored in said first order storage unit so that the graphics images sandwich at least one of the video image and the still image when the graphics images, video image, and still image are  
20 superimposed.

[12] A display processing method in which a display processing device downloads a program and displays an image based on the downloaded program,

25 wherein said display processing device includes:

a plurality of graphics image storage units, each having an area for storing a graphics image; and

a first order storage unit operable to store a first order assigned to said graphics image storage units, and

30 said method comprises:

a notification step of providing a notification regarding the first order stored in said first order storage unit;

a program execution step of storing graphics images in said graphics image storage units based on the first order notified in said notification step, by executing the program; and

5 a display step of superimposing and displaying the graphics images stored in each of said graphics image storage units according to the first order.

[13] A program for displaying an image based on a downloaded application program, the application program being downloaded by  
10 a display processing device,

wherein said display processing device includes:

a plurality of graphics image storage units, each having an area for storing a graphics image; and

15 a first order storage unit operable to store a first order assigned to said graphics image storage units, and

said program comprises:

a notification step of providing a notification regarding the first order stored in said first order storage unit;

20 an application program execution step of storing graphics images in said graphics image storage units based on the first order notified in said notification step, by executing the application program; and

25 a display step of superimposing and displaying the graphics images stored in each of said graphics image storage units according to the first order.